

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	482	187/290,313.cols.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/07 09:38
S1	1	"10578842"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/02 16:38
S2	633	187/277,288.cols.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 15:59
S3	3416	actuator same (charg\$3 or discharg\$3 or capacitor) same (switch\$3 or latch\$3) same (electromagnet \$3 or coil)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 16:02
S4	159	S3 and ("187".clas. or "188".clas. or elevator)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 16:03
S5	282	actuator same brak\$3 same (charg\$3 or discharg\$3) same coil	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 16:10
S6	3	S5 and "187".clas.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 16:10

S7	2618	actuator same brak\$3 same (charg\$3 or discharg\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 16:12
S8	9	S7 and "187".clas.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 16:12
S9	15	("0324751"   "0767930"   "2489984"   "2511697").PN. OR ("3872949").URPN.	US_PGPUB; USPAT; USOCR	SAME	ON	2009/04/05 16:15
S10	3473	actuator same capacitor same (charg \$3 or discharg\$3 or recharge\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 16:19
S11	66	S10 and ("187".clas. or elevator)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 16:19
S12	16	("4129811"   "4353271"   "4613798"   "4637296"   "4677355"   "5144153"   "5249858"   "5422808"   "5525963"   "5576581"   "5744876"   "5744923").PN. OR ("6100655").URPN.	US_PGPUB; USPAT; USOCR	SAME	ON	2009/04/05 16:25
S13	163	actuator same capacitor same (charg \$3 or discharg\$3 or recharge\$3) same brak \$3	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 16:45

S14	196193	capacitor same (charg\$3 or discharg\$3 or recharg\$3) same circuit	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 17:34
S15	2178	capacitor same (charg\$3 or discharg\$3 or recharg\$3) same circuit same actuator	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 17:34
S16	674	capacitor same (charg\$3 or discharg\$3 or recharg\$3) same circuit same actuator same coil	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 17:34
S17	13	S16 and elevator	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 17:34
S18	111	S16 and brak\$3	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 17:49
S19	3190	electromagnet\$3 same actuator same (brak\$3 or safety)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 18:10
S20	118	S19 and elevator	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 18:10
S21	4	S20 and ((charg\$3 or discharg\$3) same capacitor)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 18:11

S22	118	electromagnet\$3 same actuator same brak\$3 same (charg\$3 or discharg\$3 or recharg\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 18:21
S23	370	(electromagnet\$3 or coil) same actuator same brak\$3 same (charg\$3 or discharg\$3 or recharg\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 18:21
S24	1638	(electromagnet\$3 or coil) same (actuator or solenoid) same brak\$3 same (charg\$3 or discharg\$3 or recharg\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 18:22
S25	95	S24 and elevator	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 18:22
S26	4	("4188552"   "4501090"   "4529065"   "5671829").PN. OR ("5880414").URPN.	US_PGPUB; USPAT; USOCR	SAME	ON	2009/04/05 18:27
S27	14	("3878919"   "4313525"   "4357998"   "4364454"   "4436184").PN. OR ("4529065").URPN.	US_PGPUB; USPAT; USOCR	SAME	ON	2009/04/05 18:29
S28	14	("1577999"   "1991903").PN. OR ("3830344").URPN.	US_PGPUB; USPAT; USOCR	SAME	ON	2009/04/05 18:32
S29	1134	(actuator or solenoid) same (charg\$3 or discharg\$3) same elevator	US_PGPUB; USPAT; USOCR	SAME	ON	2009/04/05 19:24
S30	366	(actuator or solenoid) same (charg\$3 or discharg\$3) same elevator same power	US_PGPUB; USPAT; USOCR	SAME	ON	2009/04/05 19:24
S31	54	(actuator or solenoid) same (charg\$3 or discharg\$3) same elevator same capacitor	US_PGPUB; USPAT; USOCR	SAME	ON	2009/04/05 19:25

S32	33	("1114180"   "1444614"   "2238622"   "2914138"   "4257494"   "4306637"   "4531617").PN. OR ("4923055").URPN.	US_PGPUB; USPAT; USOCR	SAME	ON	2009/04/05 19:28
S33	796	((actuator or solenoid) same (charg \$3 or discharg\$3 or capacitor) same (electromagnet\$3 or coil)).clm.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 19:42
S34	637	((actuator or solenoid) same (charg \$3 or discharg\$3) same (electromagnet \$3 or coil)).clm.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 19:42
S35	272	((actuator) same (charg\$3 or discharg \$3) same (electromagnet\$3 or coil)).clm.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 19:42
S36	60	((actuator) same (charg\$3 or discharg \$3) same (electromagnet\$3 or coil) same switch). clm.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/05 19:46
S37	16	((actuator or solenoid) same backup same power same (switch or contact)).clm.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/06 13:17
S38	33	(relay same backup same power same (switch or contact)). clm.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/06 13:22
S39	235	backup same power same brak\$3 same (relay or switch or contact)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/06 13:23

S40	11	S39 and "187".clas.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/06 13:23
S41	16219	delay same power same (capacitor or discharg\$3 or charg \$3) same (relay or switch or contact)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/06 14:14
S42	53	S41 and "187".clas.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/06 14:14
S43	1532	S41 same (brak\$3 or safety)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/06 14:15
S44	31	S43 and "187".clas.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/06 14:15
S45	40	opeart\$3 same speed same power same (relay or switch or contact)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/06 14:18
S46	0	S45 and (elevator or "187".clas.)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/06 14:19
S47	1022	S43 same (high\$3 or lower\$3 or fast\$3 or slow\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/06 14:20

S48	24	S47 and "187".clas.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/06 14:20
S49	3267	shorten\$3 same time same actuat\$3 same (actuator or solenoid)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/06 14:22
S50	93	S49 and (elevator or "187".clas.)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/06 14:22
S51	352	361/139.cols.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/06 14:56
S52	20	S51 and (elevator or brak\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/06 14:56
S53	725	(semi-conductor or semiconductor) same relay same (switch or contact) same speed	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/06 15:11
S54	22	S53 same actuator	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2009/04/06 15:12

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